

CHRYSANTHEMUM PLANT NAMED 'DANCHRYATPINK'

Genus and species of the plant claimed:

*Chrysanthemum morifolium*

Variety denomination:

5 Danchryatpink

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar of *Chrysanthemum* plant, botanically known as *Chrysanthemum morifolium*, hereinafter referred to by the cultivar name 'Danchryatpink'.

10 The new cultivar originated from a spontaneous mutation. The female parent is the *Chrysanthemum* cultivar 'Danchryat' (U.S. Plant Patent application serial no. 10/230,302). 'Danchryatpink' was discovered and selected by the inventor, Gabriel Danziger, as a flowering plant in Moshav Mishmar Hashiva, Israel.

'Danchryatpink' was selected in a cultivated environment in Moshav Mishmar  
15 Hashiva, Israel. Asexual reproduction of the new cultivar by stem cutting was first performed in January, 2002, in Moshav Mishmar Hashiva, Israel and has demonstrated that the combination of characteristics as herein disclosed for the new cultivar are firmly fixed and retained through successive generations of asexual reproduction. The new cultivar reproduces true to type.

20 BRIEF SUMMARY OF THE INVENTION

The following traits have been repeatedly observed and are determined to be basic characteristics of 'Danchryatpink' which in combination distinguish this

*Chrysanthemum* as a new and distinct cultivar:

1. Oblong shaped, light violet ray florets RHS 84C;
2. Flowering time- 7.5 weeks;
3. Short day plant; and
4. Vigorous growth habit.

5 'Danchryatpink' has not been observed under all possible environmental conditions. The phenotype of the new cultivar may vary significantly with variations in environment such as temperature, light intensity, and daylength without any change in the genotype of the plant.

Of the many commercial cultivars known to the inventor, the most similar in  
10 comparison to 'Danchryatpink' is the parental cultivar 'Danchryat'. 'Danchryatpink' differs from 'Danchryat' in flower color. 'Danchryatpink' has light violet ray florets while 'Danchryat' has white ray florets.

#### BRIEF DESCRIPTION OF THE DRAWING

The accompanying photographic drawings illustrate the overall appearance of  
15 the new *Chrysanthemum* showing the colors as true as is reasonably possible with colored reproductions of this type. The photographic drawing shows a close-up of the flowers of 'Danchryatpink'.

#### DETAILED BOTANICAL DESCRIPTION

The following observations, measurements and values describe the new  
20 cultivar as grown in Moshav Mishmar Hashiva, Israel under conditions which closely approximate those generally used in commercial practice. Premium growth conditions include regular irrigation and fertilization using moderate regin; and recommended temperature range of 22-23 C. 'Danchryatpink' is mainly grown in greenhouses but can also be grown outdoors during summer. Color references are

made to the Royal Horticultural Society Colour Chart (RHS), except where general colors of ordinary significance are used. Color values were taken under daylight conditions at approximately 12:00 pm. in Moshav Mishmar Hashiva, Israel. The age of the plants described is 11 weeks from planting.

5 PROPAGATION: Stem cutting

PLANT:

General Appearance and Form:

Height: 90 cm

Width: 20 cm

10 Shape: Corymb

Flowering response: Short day type

Flowering season: Autumn and beginning of winter

Winter hardiness: Hardy in moderate climate

Lastingness of the individual bloom: 3-3.5 weeks

15 Rooting habit: Adventitious roots from cutting base

Time to initiate roots: 6-7 days

Fragrance: None

FOLIAGE:

Overall Shape of Leaf: Pinnatipartite

20 Base Shape: Wedge-shaped

Apex Shape: Rounded

Margin: Serrate

Texture: Slightly warty

Leaf length: 10 cm

Leaf width: 5.5 cm

Color of Upper Surface:

Mature leaf: Yellow-green 147-A

Immature leaf: Yellow-green 147-A

5 Color of Lower Surface:

Mature leaf: Yellow-green 147-B

Immature leaf: Yellow-green 147-B

Venation Color:

Upper surface: Yellow-green 147-B

10 Lower surface: Yellow-green 147-C

Petiole:

Length: 2 cm

Diameter: 4 mm

Color: Yellow-green 146-A

15 INFLORESCENCE:

Flowering response: Short day

Quantity of inflorescences on average: 7-8 Flowers on average per stem

Inflorescence bud:

Height: 1 cm

20 Diameter: 16 mm

Color: Yellow-green 146-B

Inflorescence size:

Diameter: 9.5 cm

Depth (height): 18-20 mm

Diameter of disc: 18 mm

Ray florets:

- 5      Shape:      Oblong
- Length:      35-40 mm
- Width:      12-13 mm
- Apex:      6-8 mm
- Margin:      Entire
- Texture:      Smooth
- Number of ray florets per inflorescence: 30-32
- 10      Color when opening: Light violet 84C
- Color when fully opened upper surface:      Light violet 84C
- Color when fully opened lower surface:      Pale violet 84D

Disc florets:

- 15      Shape:      Bell shaped (campanulate)
- Length:      4-5 mm
- Width:      1 mm
- Apex:      Serrated
- Margin:      Entire
- Texture:      Smooth
- 20      Number of disc florets per inflorescence: 200-220
- Color when opening: Yellow-green 146-B
- Color when fully opened upper surface: Yellow 9-A
- Color when fully opened lower surface: Yellow 9-C

Stem:

Average length: 85-90 cm

Average diameter: 8-10 mm

Color: Yellow-green 146-B

Internode length: 15-20 mm

5 Peduncles:

Length: 15 cm

Diameter: 3.5-4 mm

Texture: Slightly warty

Color: Yellow-green 146-B

10 Reproductive Organs:

Stamen:

Number: 5 fused as a tube

Color: Yellow 13-A

Seeds: Achene

15 Width: 0.8-1 mm

Length: 1.5 mm

Shape: Achene

Color: Grayed-green 197-A

Fruit: Achene

20 Color: Grayed-green 197-A

Color: Yellow 13-A

Pollen:

Color: Yellow 13-A

Stigma:

Color: Yellow 12-B

Ovary:

Color: Yellow-green 149-D

- 5 DISEASE RESISTANCE: Unknown. No susceptibility was observed under regular growing condition.